METHOD AND APPARATUS FOR MANAGING INDIVIDUAL
TRAFFIC FLOWS

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ABSTRACT

A traffic management processor for managing a number of traffic flows each including one or more packets includes a content address memory (CAM) device having a plurality of rows, each row storing a flow identification (ID) for a corresponding packet, the flow ID indicating to which traffic flow the packet belongs, a departure time table for storing departure times for the packets, and compare logic for comparing the departure times with each other to determine which departure time is the earliest.